

# BLOCK GRIP N

## Pre-bagged Cementitious Block Fixing Mortar

### Description:

BLOCK GRIP N cement based, pre-blended mortar. Formulated for precision fixing of cementitious blocks.

BLOCK GRIP N consisting of cement, silica sand, lime, powder, aggregates and chemical additives.

### Advantages:

- Easy to mix and apply, just add water.
- Ideal for internal and external application.
- Good strength and adhesion between blocks.
- Suitable for hot weather.

### Instructions for Use:

#### Surface Preparation:

The block should be free of loose particles, dust, dirt, grease, oil, block surface should be moistened with water prior to the application of BLOCK GRIP N.

#### Mixing:

Add the contents of BLOCK GRIP N bag of 50 kg into a container of 8 liter of clean water, mix until a uniform lump free consistency mix achieved.

Leave the mix to stand for 5 minutes and remix before uses, for that use low speed mechanical mixer (200-300 rpm) with a suitable mixing paddle. The mixture remains workable for one hour after mixing at 25°C. In case of application by using spry machine, adjust the water level to get suitable mix viscosity with uniform consistency.

#### Application:

Apply a layer of BLOCK GRIP N to the face of the block after wetting the block surface, place the new block to the mortar bed and apply pressure till the mortar oozes, the mortar will set in 30 minutes allowing the second line of block to be installed in the same procedure.

Nominal thickness of application: 10 mm

### TECHNICAL PROPERTIES

Appearance	: Cementitious
Wet Density	: 1.9 (kg/m <sup>3</sup> )
Workability Time	: 45 minutes @ 25°C
Aggregate Size	: Up to 3.0 mm
Compressive Strength	: >15.0 N/mm <sup>2</sup> @28 days
Flexural Strength	: >1.0 N/mm <sup>2</sup> @ 28 days

### Standards:

BLOCK GRIP N conforms to:

- ASTM C 91 TYPE N, ASTM C 109, ASTM C 270
- ASTM C 150 TYPE I, ASTM C 144

### Coverage:

BLOCK GRIP N can be applied in an average of 20 Kg/m<sup>2</sup> of Block side area.

Each 50 Kg. bag of BLOCK GRIP N covers 3.5 m<sup>2</sup> of block side area at thickness of 10 mm.

### Packaging:

BLOCK GRIP N available in 50 kg recyclable bags.

### Storage Conditions:

Store BLOCK GRIP N in dry and covered area away from direct sun light. Keep material protected from rainfall and avoid excess compaction.

### Shelf Life:

Shelf life is 12 months in original unopened bag when the above conditions are met.

### Cleaning:

Clean the used tools with water before the product dries.

### Health and Safety:

- Use goggles and gloves during application. Do not breathe vapor of products.
- Avoid contact with eyes or skin.